



MINERA DE SANTA MARTA, S.A.,

SPECIFICATION

Product:	S-98
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REV.: 3	Villarrubia Plant	April 2021
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Parameter		Standard product	Limit	Test/Method
1	Appearance	Flowing powder free from foreign materials		Visual inspection
2	NaCl	98.00 %	97.00 – 99.90 %	IT03
3	Na ₂ SO ₄	1.75 %	3.00 % maximum	IT01
4	Moisture content	0.10 %	0.25 % maximum	IT02
5	Calcium (Ca ²⁺)	0.02 %	0.05 % maximum	IT04
6	Magnesium (Mg ²⁺)	0.00 %	0.02 % maximum	IT04
7	Acid insoluble	0.05 %	0.10 % maximum	IT05
8	pH (1%)	7.00	± 1.50	IT06
9	Bulk density	1200 kg/m ³	± 100	IT07
10	L *	90	85 minimum	IT08
	a *	1.0	± 1.5	
	b *	9.5	± 2.5	
PARTICLE SIZE DISTRIBUTION				
12	Above 1000 µm	15% maximum		IT10
	Above 500 µm	75 % maximum		
	Above 250 µm	65 % minimum		
	Below 100 µm	3 % maximum		
	Mean size	500 ± 150 microns		

Issued by Quality Coordinator

Approved by Commercial Director